INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/09535

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60N2/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 169 096 A (A. & M.COUSIN ET CIE) 22 January 1986 (1986-01-22) abstract page 4, line 35 -page 5, line 14; figures 1,2	1-4,6, 8-10,12, 13
A	DE 38 37 665 A (BROSE FAHRZEUGTEILE GMBH & CO KG) 10 May 1990 (1990-05-10) abstract column 3, line 6 - line 12; figure 1	1-3, 8-10,12, 13
A	FR 2 783 209 A (AISIN SEIKI KABUSHIKI KAISHA) 17 March 2000 (2000-03-17) abstract page 3, line 19 - line 24; figures 2,3	1-3, 8-10,12, 13

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the International search	Date of mailing of the international search report
20 November 2002	29/11/2002

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Cuny, J-M

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International Application No
PCT/EP 02/09535

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 264 146 A (ADWEST JOHNSON CONTROLS LIMITED) 18 August 1993 (1993-08-18) abstract; figures 1-3	1,13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP 02/09535

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0169096	A	22-01-1986	FR	2565801 A1	20-12-1985
			FR	2582206 A2	28-11-1986
			AT	26089 T	15-04-1987
			AU	574186 B2	30-06-1988
			AU	4349985 A	19-12-1985
			BR	8502854 A	25-02-1986
			CA	1247514 A1	27-12-1988
			DE	3560095 D1	30-04-1987
			DK	250285 A	16-12-1985
			EP	0169096 A1	22-01-1986
			ES	544210 D0	01-02-1987
			ES	8703086 A1	16-04-1987
			IE	56941 B1	12-02-1992
			JP	61016709 A	24-01-1986
			MX	163711 B	15-06-1992
			PL	253987 A1	25-03-1986
			PT	80632 A ,B	01-07-1985
			RO	92030 A1	30-06-1987
			US	4743067 A	10-05-1988
			US	4690458 A	01-09-1987
			ZA	8504491 A	26-02-1986
			CN	85105108 A ,B	19-11-1986
DE 3837665	A	10-05-1990	DE	3837665 A1	10-05-1990
FR 2783209	A	17-03-2000	JP	2000085423 A	28-03-2000
			DE	19944297 A1	27-04-2000
			FR	2783209 A1	17-03-2000
			US	6290198 B1	18-09-2001
GB 2264146	A	18-08-1993	DE	4302605 A1	19-08-1993
			FR	2687354 A1	20-08-1993
			JP	6022827 A	01-02-1994